

[illegible]

Survey Description / Map /Photo

A

04-PDT-001

D0001	D0002	D0011	D0013	D0042
N/A				N/A

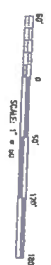
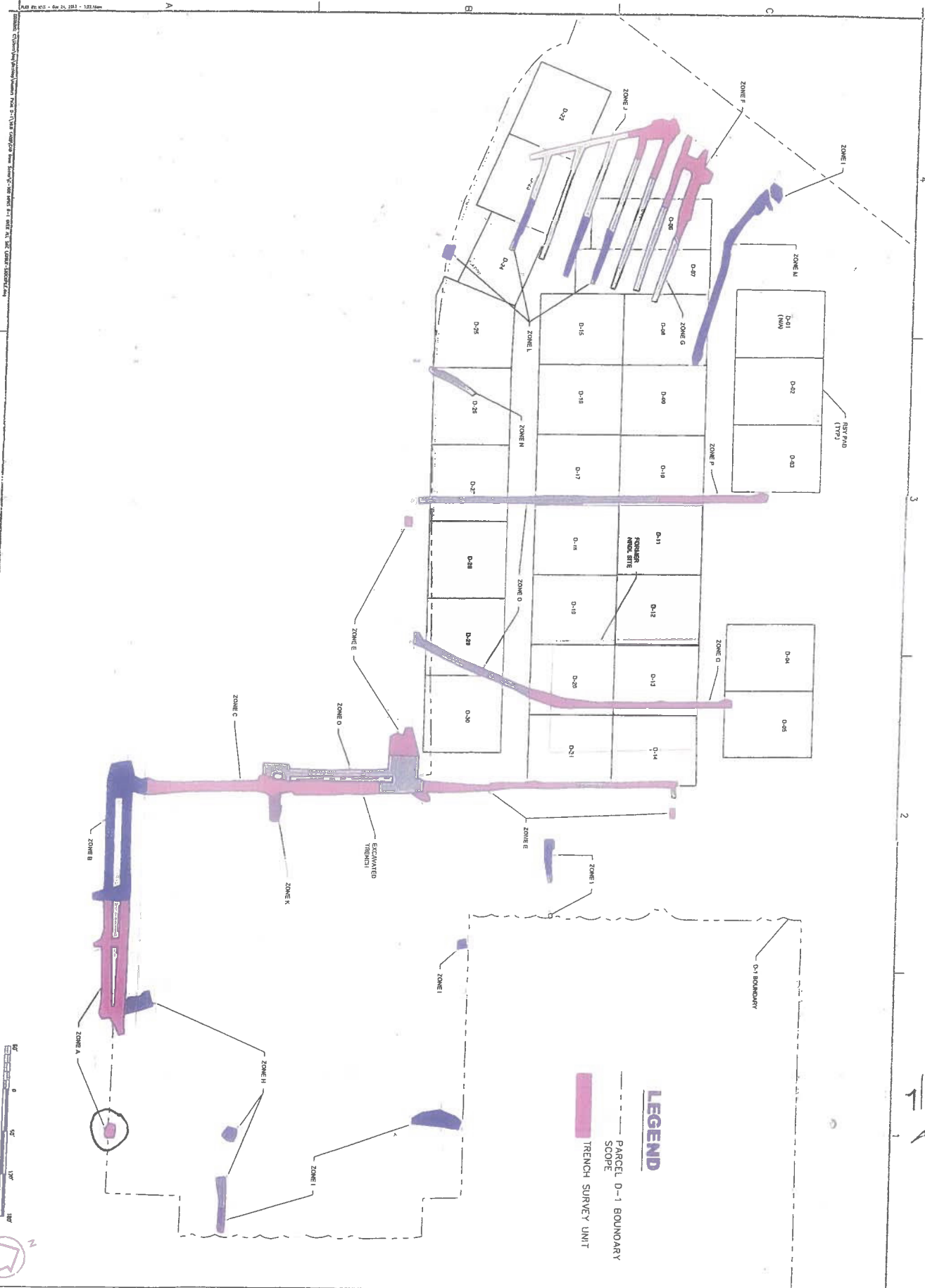
(D0001 to D0042)

[illegible]

0	ft to	1
1	ft to	2
2	ft to	3
3	ft to	4
4	ft to	5
5	ft to	6
6	ft to	7
7	ft to	8
8	ft to	9
9	ft to	10
10	ft to	11

$\mu R/Hr$	$\mu R/Hr$	$\mu R/Hr$	$\mu R/Hr$
7	6	6	6
6	6	7	7
7	7	6	7
N/A	N/A	N/A	N/A
✓	✓	✓	✓

Page 1 of 4



LEGEND

- D-1 BOUNDARY
- █ TRENCH SURVEY UNIT

Sheet reference number:
1 of 2

VERIFY SCALE
BASED ON EACH OF
ORIGINAL DRAWING
IF NOT ONE INCH ON
THIS SHEET, ADJUST
SCALE ACCORDINGLY

RADIOLOGICAL REMEDIATION AND SUPPORT
PARCEL D-1, PHASE II
HUNTERS POINT NAVAL SHIPYARD
SAN FRANCISCO, CALIFORNIA

AS-BUILT PLANS
DECEMBER 2013

TRENCH EXCAVATION
LAYOUT PLAN

TSI Gilbane
2730 Shadelands Drive
Walnut Creek, CA. 94598

1/29/14
[Signature]

CONTRACT NO / TO NO: N62473-10-D-0808		PROJECT TITLE / LOCATION: Rad Remediation D-1, Phase II / HPNS		ITSI GILBANE PROJECT NO: 07204.0004	
Survey No.: 07204.0004-0910-INF		Date: 7/14/2014		Location: HPNS	
Chris Robbins				Ed Palser	
Tech Printed Name		Signature		RSO Printed Name	
				Signature	

Instrument(s)

Model	Serial	Cal Due Date	Probe Model	Probe Serial	Cal Due Date	BKG α	BKG β	BKG γ	BKG μr/Hr	Eff. α	Eff. β
19	286213	7/27/2014	N/A						5.4	N/A	
N/A											
N/A											

Survey Description / Map /Photo

Survey Unit

A

Trench #:

04-PDT-001

Soil Survey Units

D0001	D0002	D0011	D0013	D0042
N/A				N/A

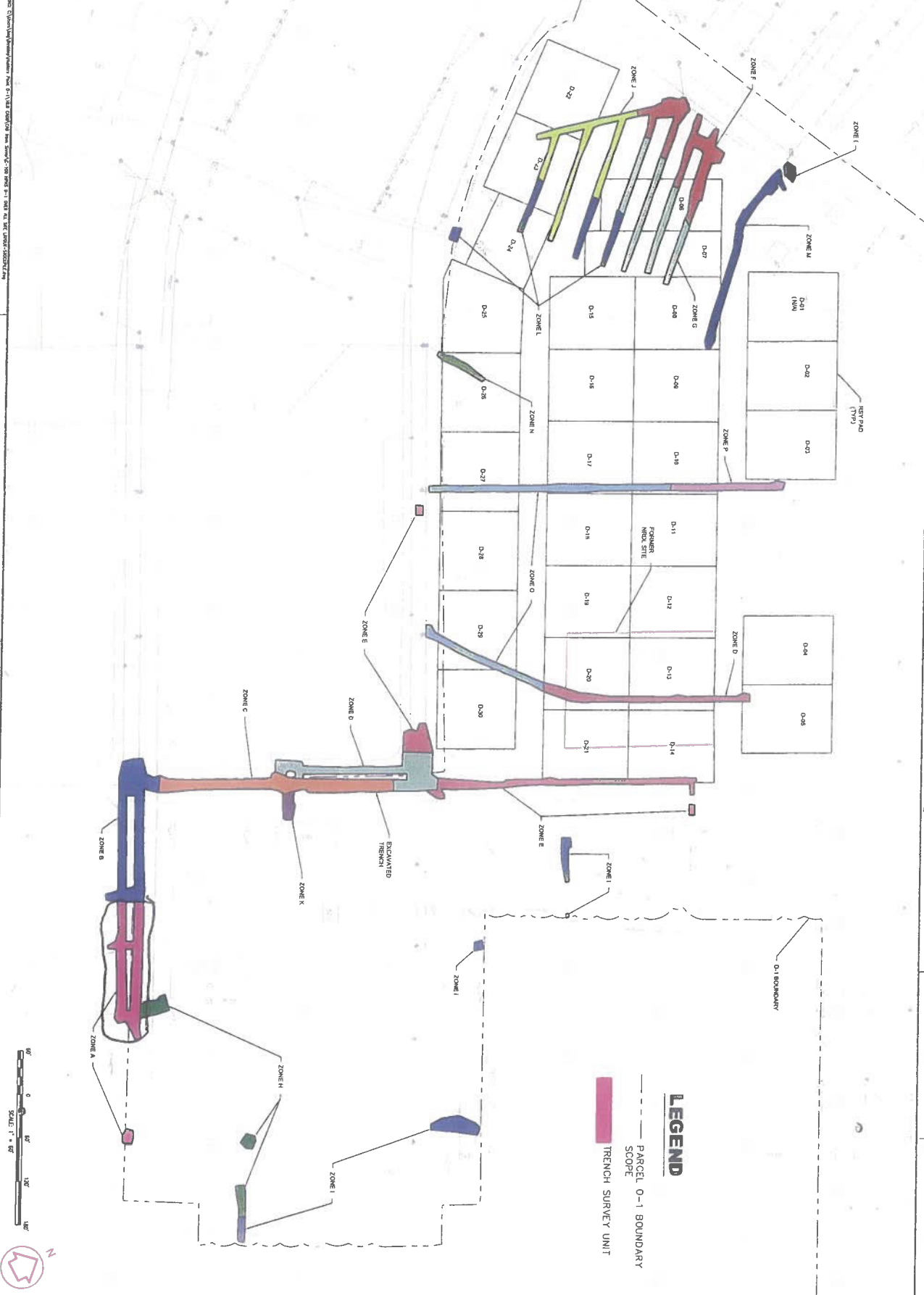
(D0001 to D0042)

From the Bottom of Trench

Soil Compaction Lift From	0	ft to	1
Soil Compaction Lift From	1	ft to	2
Soil Compaction Lift From	2	ft to	3
Soil Compaction Lift From	3	ft to	4
Soil Compaction Lift From	4	ft to	5
Soil Compaction Lift From	5	ft to	6
Soil Compaction Lift From	6	ft to	7
Soil Compaction Lift From	7	ft to	8
Soil Compaction Lift From	8	ft to	9
Soil Compaction Lift From	9	ft to	10
Soil Compaction Lift From	10	ft to	11

μR/Hr	μR/Hr	μR/Hr	μR/Hr
7	5	7	7
7	6	7	6
6	6	7	6
6	6	5	6
5	6	7	7
6	6	7	6
N/A	N/A	N/A	N/A
↓	↓	↓	↓

Comments: Informational Survey During Backfill Operation. Dose rates taken at 1 meter above surface to support RESRAD model. Model 19 BKGD from taken from instrument set up sheet.



1/25/14
a

07204.0004-910-Inf

Parcel D-1